



Lake County *Department of Agriculture*



Annual Crop Report 2017



COUNTY OF LAKE
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Department of Weights & Measures
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STEVEN HAJIK
Agricultural Commissioner
Sealer of Weights & Measures

December 18, 2018

Karen Ross, Secretary
California Department of Food and Agriculture

The Honorable Board of Supervisors of Lake County

It is my pleasure to present the Lake County Agricultural Report for the year 2017 in accordance with sections 2272 and 2279 of the California Agriculture Code. The gross value of Lake County Agriculture production for 2017 was \$120,753,532. This is an increase of a 6% from 2016. The increase can be attributed to an increase in the value of the wine grape and pear industries. **This report represents gross agricultural receipts and does not reflect production costs or net income to the producers.**

The gross value of wine grapes was \$85,178,871 which is an increase of 8% from 2016. The total tonnage was 47,857 and the total grape acreage was 9,508, an increase of 88 acres. The tons per acre decreased by 1% and the average price per ton increased by 5%. The wine grape return (price per ton) continues to increase each year.

In 2017, the gross value of pears was \$26,925,883, an increase of 25% from 2016. The total production increased by 10,940 tons, and the price per ton decreased by 3%. The pear acreage remained the same at 2,034 acres.

The gross value of walnuts was \$3,659,600, a decrease of less than 1% and the production decreased by 10%. The price per ton increased by 11% and acreage decreased by 100 acres.

There was an Increase in the nursery production (6%). Decreases were noted in timber harvest (2,900%), livestock production (19%), field and seed crops (17%), vegetables (9%), and livestock and poultry products (5%).

The gross value of pears in this report represents the value of the pears after they are packed and processed. The figures do not indicate the value of the pears at the time of harvest or the gross income of the producers. The gross value of all other commodities in this report represent the value of each commodity at the time of harvest.

I wish to express my appreciation to the many individuals and organizations who contributed to making this report possible.

Respectfully submitted,

Steven Hajik

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Agricultural Commissioner/Sealer of Weights and Measures

Fruit and Nut Crops

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (Tons)	YIELD (Tons/Acre)	RETURNS \$ /Ton	GROSS VALUE	BEARING ACRES
WINE GRAPES							
WHITES		2017	18,282	6.4	\$1,228	\$22,450,296	2,836
		2016	20,160	7.2	\$1,170	\$23,587,200	2,776
REDS		2017	29,575	5.0	\$2,121	\$62,728,575	5,935
		2016	26,368	4.8	\$2,088	\$55,056,384	5,449
TOTAL (ALL WINE GRAPES)		2017	47,857	5.5	\$1,780	\$85,178,871	8,771
		2016	46,528	5.7	\$1,690	\$78,643,584	8,225
PEARS							
BARTLETT¹ (INCLUDES RED)	FRESH	2017	16,276		\$950	\$15,466,504	
		2016	11,502		\$1,009	\$11,605,518	
	CANNERY	2017	21,046		\$401	\$8,433,882	
		2016	17,175		\$425	\$7,299,375	
	BY-PRODUCTS	2017	3,473		\$191	\$662,528	
		2016	1,949		\$260	\$506,740	
TOTAL BARTLETT		2017	40,795	21.9	\$602	\$24,562,914	1,863
		2016	30,626	16.4	\$634	\$19,416,884	1,863
All Other¹ (Asian, Bosc, Comice, and Seckel)	FRESH	2017	1,766		\$1,264	\$2,231,889	
		2016	1,193		\$1,135	\$1,354,055	
	BY-PRODUCTS	2017	783		\$167	\$131,080	
		2016	585		\$144	\$84,240	
TOTAL OTHER		2017	2,549	17.2	\$927	\$2,362,969	148
		2016	1,778	12	\$809	\$1,438,402	148
TOTAL (ALL PEARS)		2017	43,344	21.5	\$621	\$26,925,883	2,011
		2016	32,404	16.1	\$643	\$20,849,889	2,011
WALNUTS							
TOTAL (ALL WALNUTS)		2017	1,307	0.37	\$2,800	\$3,659,600	3,550
		2016	1,466	0.40	\$2,507	\$3,674,529	3,650
MISCELLANEOUS FRUITS & NUTS							
TOTAL MISCELLANEOUS²		2017				\$103,500	60
		2016				\$108,900	64
TOTAL (ALL FRUIT & NUTS)		2017				\$115,867,854	14,392
		2016				\$103,276,902	13,950

¹ This is the FOB price which includes processing and packing costs

² Includes Apples, Peaches, Strawberries, Olives, and Melons

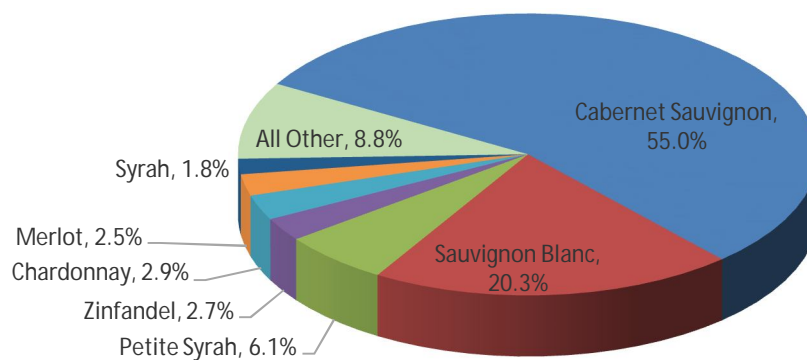
Fruit and Nut Acreage				
CROP	Variety	Bearing Acres	Non-Bearing Acres	Total
PEARS	Bartlett	1,863	15	1,878
	All other Pears	148	8	156
	Total	2,011	23	2,034
WINE GRAPES	Whites	2,836	142	2,978
	Reds	5,935	595	6,530
	Total	8,771	737	9,508
WALNUTS		3,550	200	3,750
MISCELLANEOUS ¹		60	2	62
TOTAL		14,392	962	15,354
¹ Includes Apples, Peaches, Strawberries, Raspberries, Blackberries, Melons, Olives etc.				



Nursery Production			
YEAR	GREENHOUSE (Sq. ft.)	FIELD ACRES	VALUE
2017	15,100	42	\$980,891
2016	17,070	43	\$924,658

Top Wine Grape Varieties			
Variety	Tons Crushed	Weighted Average Returns	Total
Cabernet Sauvignon	19,764	\$2,371	\$46,860,444
Sauvignon Blanc	14,198	\$1,219	\$17,307,362
Petite Syrah	2,645	\$1,950	\$5,157,750
Zinfandel	1,756	\$1,292	\$2,268,752
Chardonnay	1,890	\$1,297	\$2,451,330
Merlot	1,598	\$1,311	\$2,094,978
Syrah	918	\$1,644	\$1,509,192
All Other	5,088	Varies	\$7,529,063
Totals	47,857	\$1,780	\$85,178,871

Top Wine Grape Varieties Based on their Value



All Other Wine Grape Varieties			
Aglanico	Albarino	Barbera	Cabernet Franc
Carignane	Chenin Blanc	Cinsaut	Counoise
Gewurztraminer	Grenache	Grenache Blanc	Malbec
Marsanne	Mataro	Muscat Blanc	Muscat Orange
Nebbiolo	Petit Verdot	Pinot Gris	Pinot Noir
Primitivo	Sangiovese	Sauvignon Musque	Semillon
Souzao	Tempranillo	Touriga Nacional	Trousseau
Vementino	Viognier	White Riesling	

Livestock Production					
Commodity	Year	No. of Head	Total CWT ¹ (Live Wt.)	Value/ Cwt	Value
Cattle & Calves	2017	1,975	9,875	\$150	\$1,481,250
	2016	1,980	10,890	\$170	\$1,851,300
Miscellaneous ²	2017				\$45,100
	2016				\$41,250
TOTALS	2017				\$1,526,350
	2016				\$1,892,550

¹ CWT = hundredweight (100 pounds)

² Includes goats, sheep, hogs, rabbits, meat chickens, and other meat birds.



Livestock and Poultry Products		
Commodity	Year	Value
Miscellaneous ¹	2017	\$158,800
	2016	\$168,300

¹Includes Apiary, Eggs, Cheese, and Wool

Organic¹ Farming Statistics

Crop	NUMBER OF FARMS	ACRES	VALUE
Walnuts	50	1,689	
Wine Grapes	13	285	
Misc. Vegetables	8	20	
Pears	4	192	
Miscellaneous Fruits	10	10	
Olives	4	27	
Grains ²	1	5	
Total	90	2,228	\$5,409,353

¹ Registered Organic with The Lake County Agricultural Commissioner and is included in the gross value of the respective commodity

² Organic Grains Including Hops

Organic Walnuts	Acres		Value
	1,688		\$2,107,993



Vegetable Crops

Commodity	Year	Acres	Value
Miscellaneous Vegetables ¹	2017	22	\$210,600
	2016	18	\$230,500

¹ Includes Pumpkins, Beans, Sweet Corn, Garlic, Herbs, Peas, Potatoes, Squash, Tomatoes, etc.

Field and Seed Crops				
Commodity	Year	Acreage	Returns/Acre	\$ Value
Irrigated Pasture	2017	700	\$100	\$70,000
	2016	700	\$100	\$70,000
Range	2017	90,000	\$8.5	\$765,000
	2016	90,000	\$8.5	\$765,000
Miscellaneous ¹	2017	2,150	VARIES	\$1,000,500
	2016	2,450	VARIES	\$1,400,500
TOTALS	2017	92,850		\$1,835,500
	2016	93,150		\$2,235,500
¹ Includes Alfalfa, Oat Hay, Grass Hay, Wild Rice, Hops, and Grains				



Timber Harvest ¹			
Item	Year	MBF ²	Value
Timber Yield	2017	2,029	\$173,447
	2016	55,367	\$5,101,380
¹ Values furnished by the California State Board of Equalization			
² Quantity of timber cut and scaled (Thousand Board Feet)			

Sustainable Agriculture Report		
BIOLOGICAL CONTROL		
Biological Control is the deliberate use of natural enemies to suppress or manage pest populations at acceptable levels.		
PEST	AGENT/MECHANISM	SCOPE OF PROGRAM
Bull Thistle	Gall Fly	Established
Italian Thistle	Seed Head Weevil	Established
Klamath Weed	Klamath Weed Beetle	Established
Yellow Starthistle	Seed Head Weevil Gall Fly Flower Weevil Hairy Weevil Peacock Fly	Established
Red Gum Lerp Psyllid	Wasp	Established
Puncture Vine	Stem Boring Weevil	Established
PEST ERADICATION		
The following pests were under active control and eradication during the year: Dalmatian Toadflax, Scotch Thistle, Plumeless Thistle, Artichoke Thistle, Purple Starthistle, Oblong Spurge, Skeleton Weed, Dyer's Woad, Canada Thistle, and Hydrilla*. *Hydrilla is a CDFA Program		
PEST EXCLUSION		
Pest exclusion inspections are conducted daily at the UPS terminal		
PACKAGES PROFILED	PACKAGES INSPECTED	PACKAGES REJECTED
1228	787	0
EXOTIC PESTS ¹		
URBAN TRAPS		PROGRAM HOURS
287		1080
¹ Includes Traps for Mediterranean Fruit Fly, Oriental Fruit Fly, Melon Fly, Gypsy Moth, and Japanese Beetle		
GLASSY-WINGED SHARPSHOOTER TRAPPING		
URBAN TRAPS	NURSERY TRAPS	PROGRAM HOURS
99	13	347
GLASSY-WINGED SHARPSHOOTER NURSERY SHIPPMENT INSPECTIONS		
NUMBER OF INSPECTIONS		PROGRAM HOURS
5		7
LIGHT BROWN APPLE MOTH TRAPPING		
TRAPS DEPLOYED	NURSERY TRAPS	PROGRAM HOURS
89	11	94
EUROPEAN GRAPEVINE MOTH TRAPPING		
TRAPS DEPLOYED		PROGRAM HOURS
361		1093



Glassy-Winged Sharp Shooter



Gypsy Moth



Light Brown Apple Moth



Mediterranean Fruit Fly



Japanese Beetle



Melon Fruit Fly

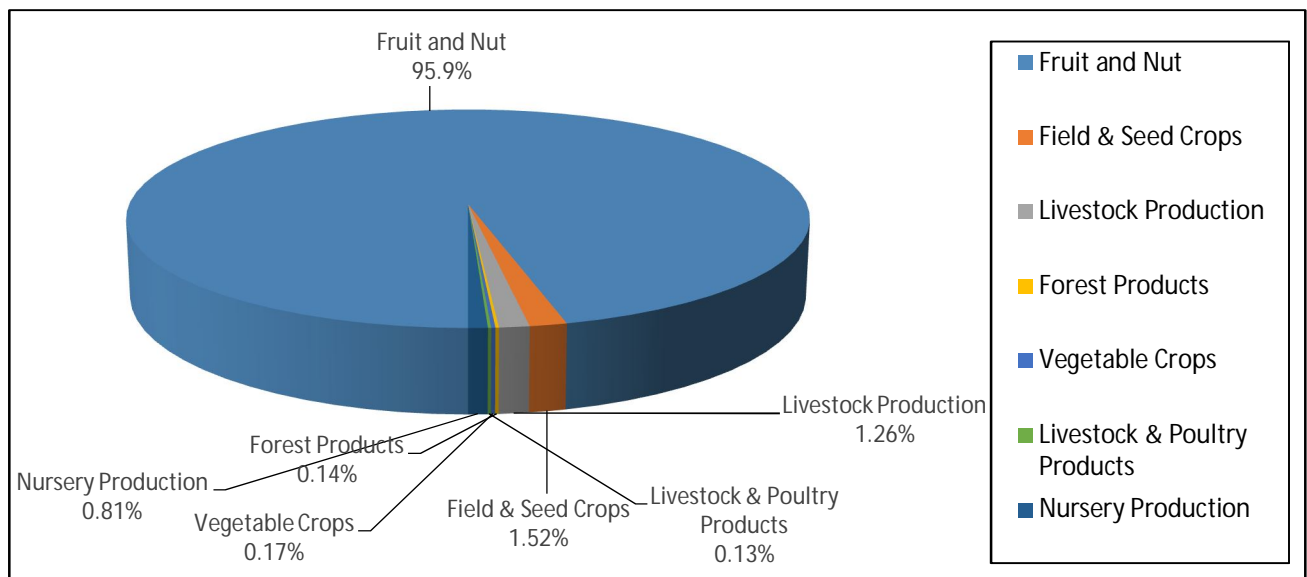


European Grapevine Moth



Purple Star Thistle

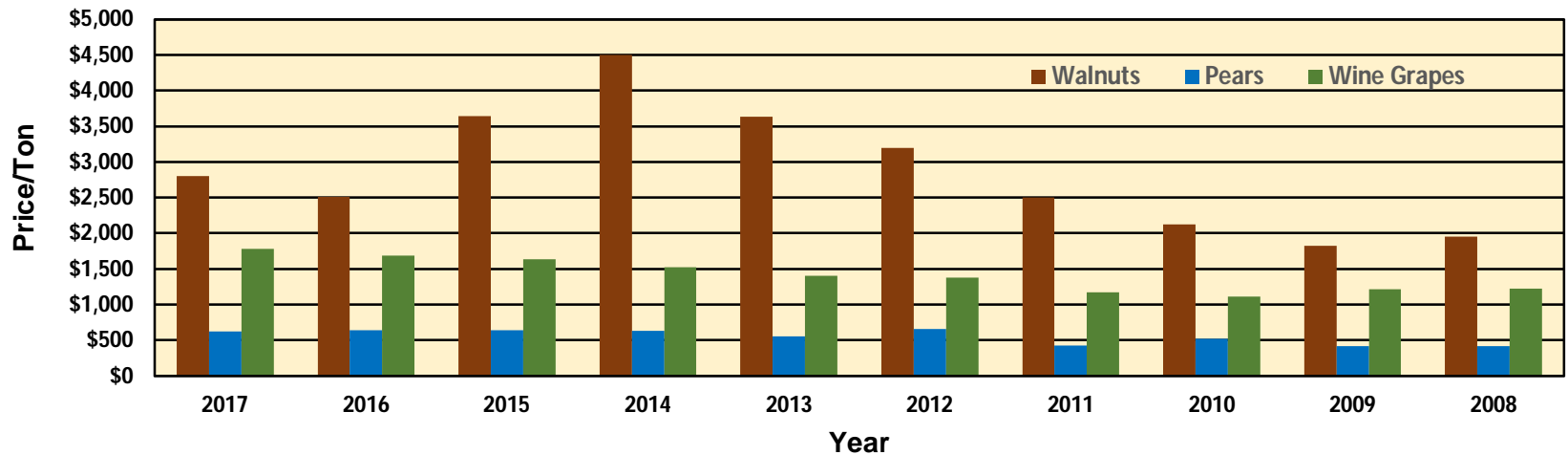
Summary of Production		
COMMODITY	YEAR	VALUE
FRUIT AND NUT	2017	\$ 115,867,854
	2016	\$ 103,276,902
FIELD & SEED CROPS	2017	\$ 1,835,500
	2016	\$ 2,235,500
LIVESTOCK PRODUCTION	2017	\$ 1,526,350
	2016	\$ 1,892,550
FOREST PRODUCTS	2017	\$ 173,447
	2016	\$ 5,101,380
VEGETABLE CROPS	2017	\$ 210,600
	2016	\$ 230,500
LIVESTOCK & POULTRY PRODUCTS	2017	\$ 158,800
	2016	\$ 168,300
NURSERY PRODUCTION	2017	\$ 980,981
	2016	\$ 924,658
GRAND TOTAL	2017	\$ 120,753,532
	2016	\$ 113,829,790



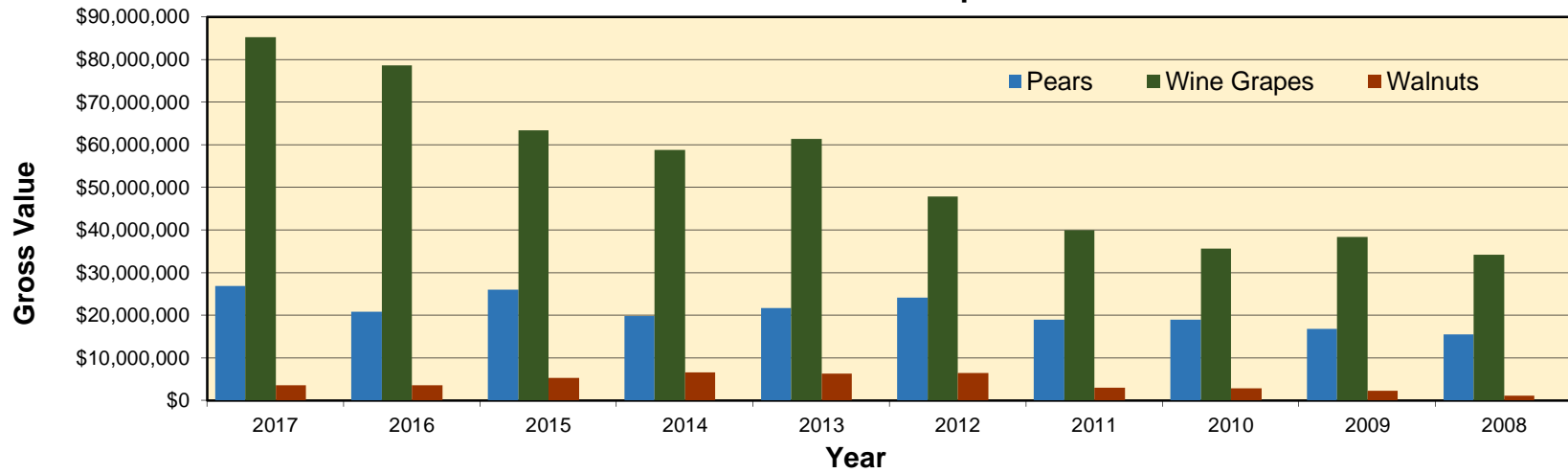
5 Year Value Comparison

Year	Fruit and Nut	Livestock Production	Livestock & Poultry Products	Nursery Production	Vegetable Production	Field & Seed Crops	Timber	Total Value
2017	\$115,867,854	\$1,526,350	\$158,800	\$980,891	\$210,600	\$1,835,500	\$173,447	\$120,753,532
2016	\$103,276,902	\$1,892,550	\$168,300	\$924,658	\$230,500	\$2,235,500	\$5,101,380	\$113,829,790
2015	\$94,977,570	\$2,219,530	\$179,034	\$1,474,200	\$296,002	\$1,959,865	\$29,447	\$101,135,648
2014	\$86,426,386	\$2,306,555	\$137,760	\$941,566	\$286,309	\$2,600,000	\$397,690	\$93,096,266
2013	\$89,567,410	\$2,718,983	\$135,685	\$940,458	\$411,255	\$2,217,400	\$181,920	\$96,173,111

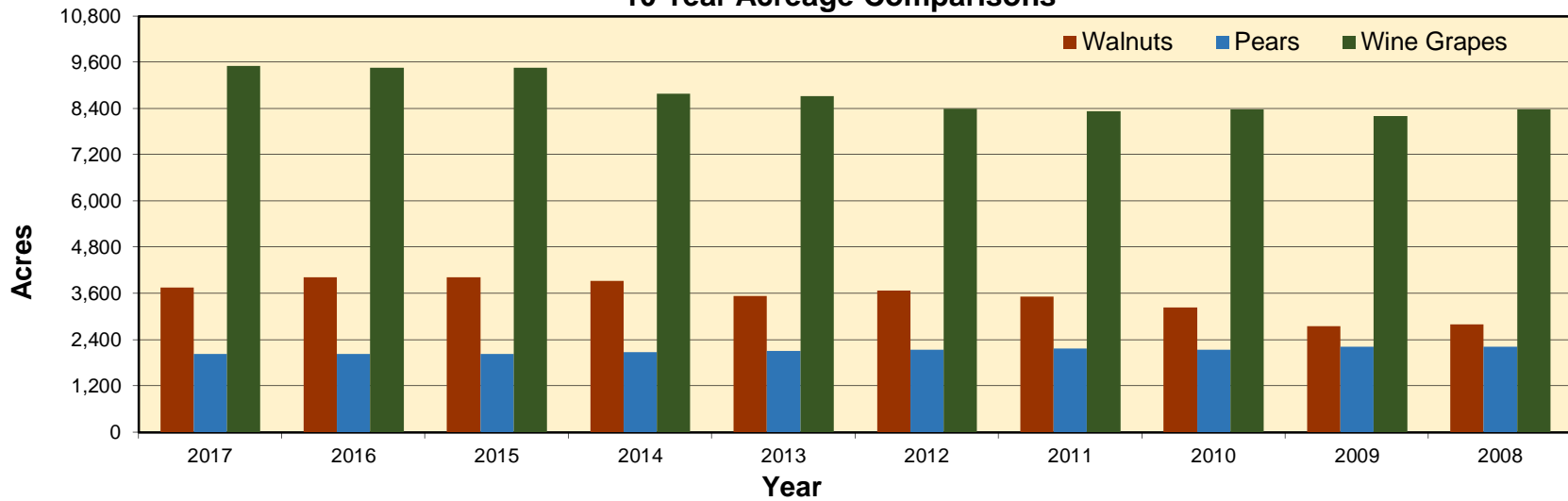
10 Year Crop Returns (Price/Ton)



10 Year Value Comparisons



10 Year Acreage Comparisons



Lake County Board of Supervisors

District 1: Moke Simon

District 2: Jeff Smith

District 3: Jim Steele

District 4: Tina Scott

District 5: Rob Brown

2017 Agricultural Commissioner Staff

Agricultural Commissioner

Sealer of Weights and Measures

Steven Hajik

Deputy Agricultural Commissioner

Deputy Sealer of Weights and Measures

Katherine VanDerWall

Agricultural Biologists

Weights and Measures Inspectors

Sam Upton

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Chris Zahn

Karen Sullivan

Wildlife Services Staff

Chris McLaury